

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/608,538

Source: _____

Date Processed by STIC: _____

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IFWO

RAW SEQUENCE LISTING

DATE: 12/03/2004

PATENT APPLICATION: US/10/608,538

TIME: 07:20:50

Input Set : N:\Crif3\RULE60\10608538.raw.txt

Output Set: N:\CRF4\12032004\J608538.raw

```

1 <110> APPLICANT: TORDO, NOEL
2   PERRIN, PIERRE
3   JACOB, YVES
4   BAHLOUL, CHOKRI
5 <120> TITLE OF INVENTION: CHIMERIC LYSSAVIRUS NUCLEIC ACIDS AND POLYPEPTIDES
6 <130> FILE REFERENCE: 03495-0188-00000
7 <140> CURRENT APPLICATION NUMBER: US/10/608,538
8 <141> CURRENT FILING DATE: 2003-06-30
9 <150> PRIOR APPLICATION NUMBER: US/09/549,519
10 <151> PRIOR FILING DATE: 2000-04-14
11 <150> PRIOR APPLICATION NUMBER: 60/129,501
12 <151> PRIOR FILING DATE: 1999-04-15
13 <160> NUMBER OF SEQ ID NOS: 40
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 34
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
22 <400> SEQUENCE: 1
23   ttctagagcc accatggttc ctcaggctct cctg 34
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 23
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
31 <400> SEQUENCE: 2
32   attgatcaac tgaccgggag ggc 23
34 <210> SEQ ID NO: 3
35 <211> LENGTH: 98
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
40   oligonucleotide PVp1
41 <400> SEQUENCE: 3
42   aattctagag cgcaccat ggttcctcag gctctcctgt ttgtaccctt tctgggtttt 60
43   ccattgtgtt ttgggaagaa ttcccccccc ggtcagtt 98
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 98
47 <212> TYPE: DNA

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48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
51     oligonucleotide PVp2
52 <400> SEQUENCE: 4
53     gatcaactga ccgggggggg aattcttccc aaaacacaat ggaaaaacca gaaggggtac 60
54     aaacaggaga gcctgaggaa ccatggtggc ggctctag                               98
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 54
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
62     oligonucleotide EBL1p1
63 <400> SEQUENCE: 5
64     aatttcccaa tctacaccat cccggataaa atcggaccgt ggtcacctat tccg          54
66 <210> SEQ ID NO: 6
67 <211> LENGTH: 54
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
72     oligonucleotide EBL1p2
73 <400> SEQUENCE: 6
74     aattcggaat aggtgaccac ggtccgattt tatccgggat ggtgtagatt ggga          54
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 63
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
82 <400> SEQUENCE: 7
83     ccgtgggtcac ctattgatat aaaccatctc agctgcccac acaacttgat cgtggaagat 60
84     gag                                                                                   63
86 <210> SEQ ID NO: 8
87 <211> LENGTH: 27
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
92 <400> SEQUENCE: 8
93     ggaattcgag caccattctg gagcttc                                                    27
95 <210> SEQ ID NO: 9
96 <211> LENGTH: 11
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
101     peptide

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Input Set : N:\Crf3\RULE60\10608538.raw.txt

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102 <400> SEQUENCE: 9
103     Asp Asn Pro Ala Ser Thr Thr Asn Lys Asp Lys
104         1             5             10
106 <210> SEQ ID NO: 10
107 <211> LENGTH: 9
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
112     peptide
113 <400> SEQUENCE: 10
114     Pro Gln Ala Ser Gly Val Tyr Met Gly
115         1             5
117 <210> SEQ ID NO: 11
118 <211> LENGTH: 16
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123     peptide
124 <400> SEQUENCE: 11
125     Glu Arg Pro Gln Ala Ser Gly Val Tyr Met Gly Asn Leu Thr Ala Gln
126         1             5             10             15
128 <210> SEQ ID NO: 12
129 <211> LENGTH: 78
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
134 <400> SEQUENCE: 12
135     aattcagata acccggcgtc gaccactaac aaggataagc tgttcgcagt gcctcaggcc 60
136     tctgggtgtgt atatgggt                                     78
138 <210> SEQ ID NO: 13
139 <211> LENGTH: 78
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
144 <400> SEQUENCE: 13
145     aattacccat atacacacca gaggcctgag gcactgcgaa cagcttatcc ttgtagtg 60
146     tcgacgccgg gttatctg                                     78
148 <210> SEQ ID NO: 14
149 <211> LENGTH: 32
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
154     adaptor
155 <400> SEQUENCE: 14

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Output Set: N:\CRF4\12032004\J608538.raw

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156      aatttgata acccgcgctc gaccactaac aa                                32
158 <210> SEQ ID NO: 15
159 <211> LENGTH: 32
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
164      adaptor
165 <400> SEQUENCE: 15
166      aattcttatc cttgttagtg gtcgacgccg gg                                32
168 <210> SEQ ID NO: 16
169 <211> LENGTH: 54
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
174      adaptor
175 <400> SEQUENCE: 16
176      aatttgaga gacctcaggc ctctggtgtg tatatgggta atcttacggc ccag        54
178 <210> SEQ ID NO: 17
179 <211> LENGTH: 54
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
184      adaptor
185 <400> SEQUENCE: 17
186      aattctggga agtaagatta cccatataca caccagaggc ctgaggtctc tcca        54
188 <210> SEQ ID NO: 18
189 <211> LENGTH: 61
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Chimeric
194      polypeptide PV-PV
195 <400> SEQUENCE: 18
196      Val Leu Gly Leu Arg Leu Met Asp Gly Thr Trp Val Ser Met Gln Thr
197          1             5             10             15
198      Ser Asn Glu Thr Lys Trp Cys Pro Pro Gly Gln Leu Ile Asn Leu His
199          20             25             30
200      Asp Phe Arg Ser Asp Glu Ile Glu His Leu Val Val Glu Glu Leu Val
201          35             40             45
202      Lys Lys Arg Glu Glu Cys Leu Asp Ala Leu Glu Ser Ile
203          50             55             60
205 <210> SEQ ID NO: 19
206 <211> LENGTH: 39
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:

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Output Set: N:\CRF4\12032004\J608538.raw

```

210 <223> OTHER INFORMATION: Description of Artificial Sequence: Chimeric
211     polypeptide -PVIII
212 <400> SEQUENCE: 19
213     Ser Pro Pro Gly Gln Leu Ile Asn Leu His Asp Phe Arg Ser Asp Glu
214         1             5             10             15
215     Ile Glu His Leu Val Val Glu Glu Leu Val Lys Lys Arg Glu Glu Cys
216             20             25             30
217     Leu Asp Ala Leu Glu Ser Ile
218             35
220 <210> SEQ ID NO: 20
221 <211> LENGTH: 64
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Chimeric
226     polypeptide EBL1-PV
227 <400> SEQUENCE: 20
228     Val Pro Gly Met Arg Leu Met Asp Gly Ser Trp Val Ser Leu Gln Lys
229         1             5             10             15
230     Thr Glu Ala Pro Glu Trp Cys Ser Asn Ser Pro Pro Gly Gln Leu Ile
231             20             25             30
232     Asn Leu His Asp Phe Arg Ser Asp Glu Ile Glu His Leu Val Val Glu
233             35             40             45
234     Glu Leu Val Lys Lys Arg Glu Glu Cys Leu Asp Ala Leu Glu Ser Ile
235         50             55             60
237 <210> SEQ ID NO: 21
238 <211> LENGTH: 61
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: Chimeric
243     polypeptide Mok-PV
244 <400> SEQUENCE: 21
245     Arg Pro Gly Ile Arg Leu Phe Asp Gly Thr Trp Val Ser Phe Thr Lys
246         1             5             10             15
247     Pro Asp Val His Val Trp Cys Thr Pro Asn Gln Leu Ile Asn Leu His
248             20             25             30
249     Asp Phe Arg Ser Asp Glu Ile Glu His Leu Val Val Glu Glu Leu Val
250             35             40             45
251     Lys Lys Arg Glu Glu Cys Leu Asp Ala Leu Glu Ser Ile
252         50             55             60
254 <210> SEQ ID NO: 22
255 <211> LENGTH: 61
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Description of Artificial Sequence: Chimeric
260     polypeptide PV-Mok
261 <400> SEQUENCE: 22

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 12/03/2004

PATENT APPLICATION: US/10/608,538

TIME: 07:20:51

Input Set : N:\Crf3\RULE60\10608538.raw.txt

Output Set: N:\CRF4\12032004\J608538.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:40; Xaa Pos. 2,9,13,14,15,58,111,181,189,262,264,265,267,268,310,355

Seq#:40; Xaa Pos. 374,445,488,489,494,518,521

VERIFICATION SUMMARY

DATE: 12/03/2004

PATENT APPLICATION: US/10/608,538

TIME: 07:20:51

Input Set : N:\Crf3\RULE60\10608538.raw.txt

Output Set: N:\CRF4\12032004\J608538.raw

L:1336 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1339 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1342 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1345 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1348 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1351 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1354 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1357 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1360 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1363 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1366 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1369 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1372 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1375 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1378 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1381 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1384 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1387 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1390 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40